

Title (en)

Copper alloy having excellent hot rollability and excellent adhesion strength of plated surface thereof when heated.

Title (de)

Kupferlegierung mit hervorragender Warmwälzbarkeit und sehr guter Beständigkeit gegen Abblättern einer plattierten Oberfläche während der Heizung derselben.

Title (fr)

Alliage de cuivre présentant une excellente aptitude ou laminage à chaud et une très bonne résistance à l'écaillage d'une surface plaquée et chauffée.

Publication

EP 0384260 A1 19900829 (EN)

Application

EP 90102686 A 19900212

Priority

JP 4090889 A 19890221

Abstract (en)

A copper alloy consists essentially by weight percent of 0.5 to 3% Ni, 0.5 to 2.5% Sn, 0.05 to 0.9% Si, 0.1 to 2% Zn, 0.025 to 0.25% Fe, and the balance of Cu and inevitable impurities. The inevitable impurities include C in an amount of not more than 10 ppm. The obtained copper alloy possesses improved hot rollability and exhibits excellent adhesion strength of a plated surface thereof when heated, while having satisfactory strength and platability.

IPC 1-7

C22C 9/02; **C22C 9/04**; **C22C 9/06**

IPC 8 full level

C22C 9/02 (2006.01); **C22C 9/04** (2006.01); **C22C 9/06** (2006.01)

CPC (source: EP KR US)

C22C 9/02 (2013.01 - EP US); **C22C 9/04** (2013.01 - EP US); **C22C 9/06** (2013.01 - EP KR US)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0384260 A1 19900829; **EP 0384260 B1 19940831**; DE 69011894 D1 19941006; DE 69011894 T2 19950112; JP H02221344 A 19900904; JP H0569888 B2 19931004; KR 0142884 B1 19980817; KR 900013096 A 19900903; US 5024814 A 19910618

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